

10/632,742

=> file caplus

FILE 'CAPLUS' ENTERED AT 16:48:18 ON 08 AUG 2005

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FILE COVERS 1907 - 8 Aug 2005 VOL 143 ISS 7

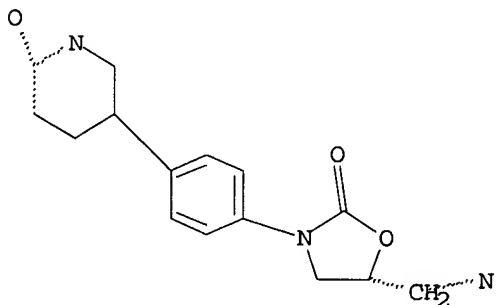
FILE LAST UPDATED: 7 Aug 2005 (20050807/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d que

L1 STR



Structure attributes must be viewed using STN Express query preparation.

L2 23 SEA FILE=REGISTRY SSS FUL L1

L3 2 SEA FILE=CAPLUS L2

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L3 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:143139 CAPLUS

DOCUMENT NUMBER: 140:181437

TITLE: Preparation of N-aryl-2-oxazolidinones and their derivatives as antibacterial agents

INVENTOR(S): Gadwood, Robert C.; Ochoada, Jason M.

PATENT ASSIGNEE(S): Pharmacia & Upjohn Company, USA

SOURCE: PCT Int. Appl., 50 pp.

CODEN: PIXXD2

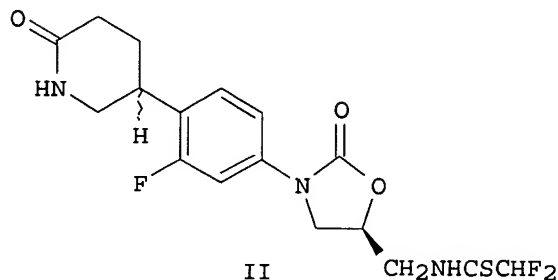
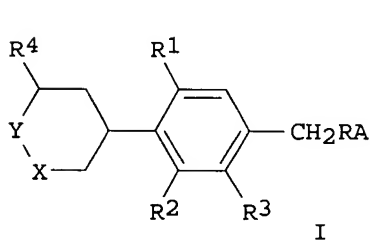
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004014897	A1	20040219	WO 2003-US22486	20030801
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2491287	AA	20040219	CA 2003-2491287	20030801
US 2004072873	A1	20040415	US 2003-632742	20030801
EP 1539745	A1	20050615	EP 2003-784775	20030801
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003013400	A	20050712	BR 2003-13400	20030801
PRIORITY APPLN. INFO.:			US 2002-402783P	P 20020812
			WO 2003-US22486	W 20030801
OTHER SOURCE(S):			MARPAT 140:181437	
GI				



AB Antibacterial agents of formula I [A = 2-oxazolidinone, isoxazoline, furanone, etc.; X, Y = CO, (substituted) NH; R = acylamino, heterocyclo, etc.; R1-R3 = H, halo, Me; R4 = H, alkyl, alkoxy, alkylthio, alkylamino] are prepared Thus, II was prepared and had MIC of 1 µg/mL.

IT 658073-33-7P 658073-34-8P 658073-35-9P  
658073-36-0P 658073-37-1P 658073-38-2P  
658073-39-3P 658073-40-6P 658073-41-7P  
658073-42-8P 658073-43-9P 658073-44-0P  
658073-45-1P 658073-46-2P 658073-47-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

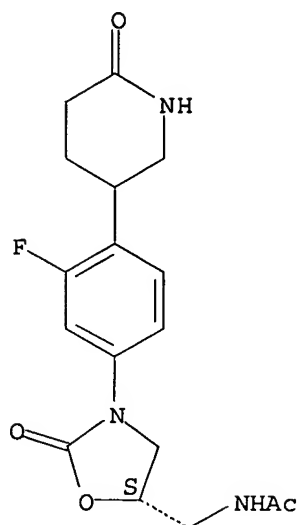
(preparation of N-aryloxazolidinones as antibacterial agents)

RN 658073-33-7 CAPLUS

CN Acetamide, N-[[[(5S)-3-[3-fluoro-4-(6-oxo-3-piperidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

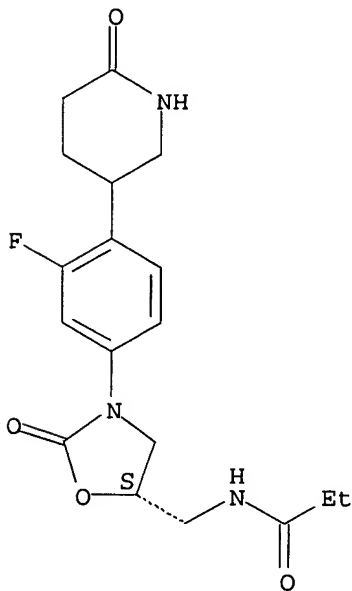
10/632,742



RN 658073-34-8 CAPLUS

CN Propanamide, N-[[[(5S)-3-[3-fluoro-4-(6-oxo-3-piperidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

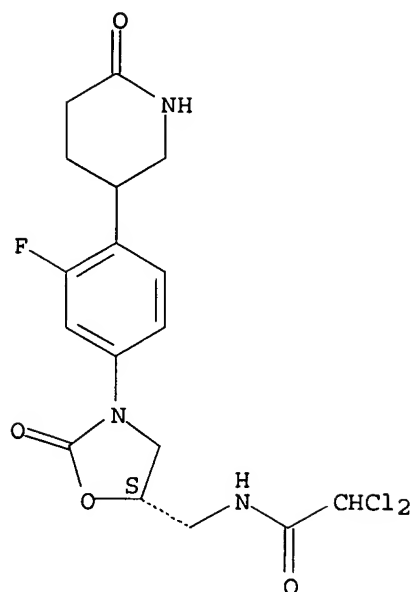


RN 658073-35-9 CAPLUS

CN Acetamide, 2,2-dichloro-N-[[[(5S)-3-[3-fluoro-4-(6-oxo-3-piperidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

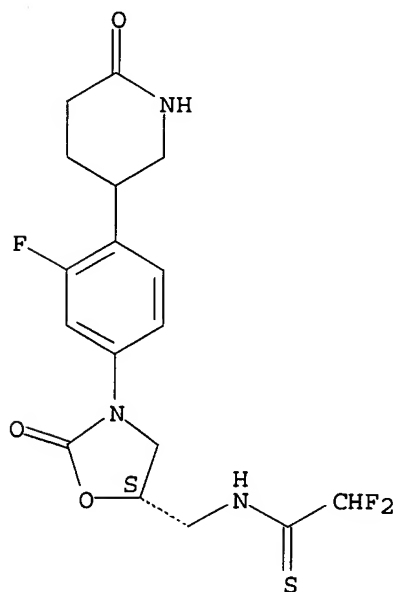
10/632,742



RN 658073-36-0 CAPLUS

CN Ethanethioamide, 2,2-difluoro-N-[[[(5S)-3-[3-fluoro-4-(6-oxo-3-piperidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

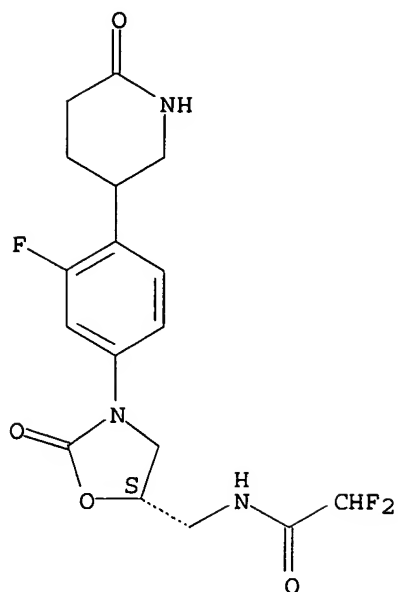


RN 658073-37-1 CAPLUS

CN Acetamide, 2,2-difluoro-N-[[[(5S)-3-[3-fluoro-4-(6-oxo-3-piperidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

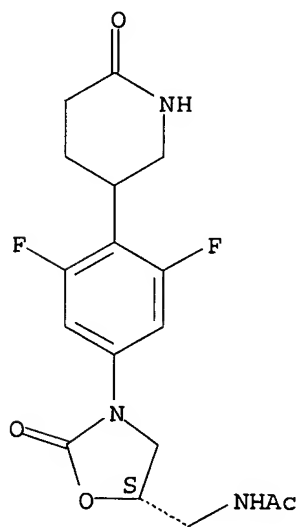
10/632,742



RN 658073-38-2 CAPLUS

CN Acetamide, N-[[[(5S)-3-[3,5-difluoro-4-(6-oxo-3-piperidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

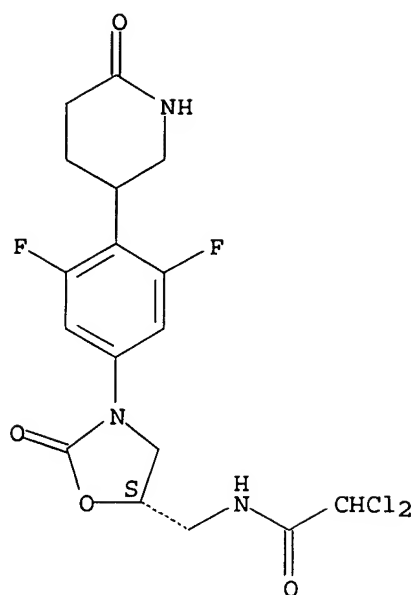


RN 658073-39-3 CAPLUS

CN Acetamide, 2,2-dichloro-N-[[[(5S)-3-[3,5-difluoro-4-(6-oxo-3-piperidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

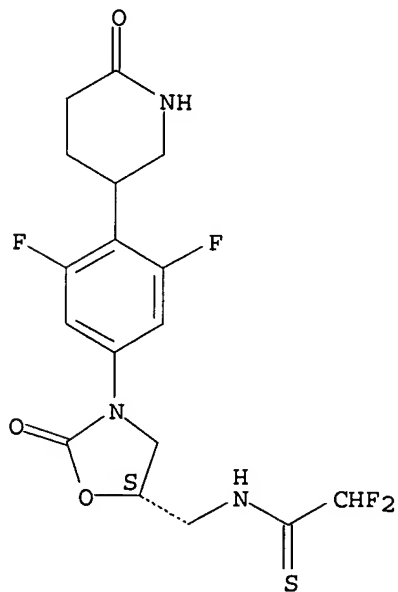
10/632,742



RN 658073-40-6 CAPLUS

CN Ethanethioamide, N-[[[(5S)-3-[3,5-difluoro-4-(6-oxo-3-piperidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-2,2-difluoro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

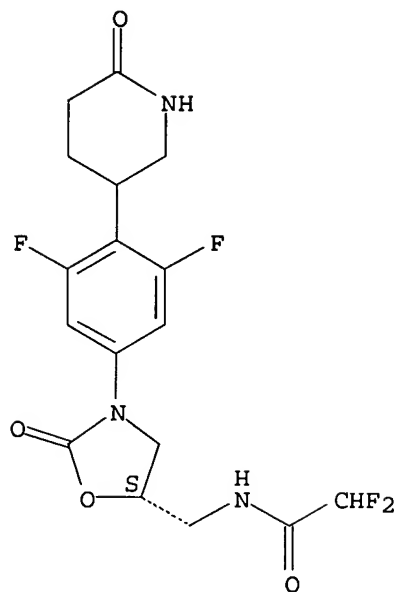


RN 658073-41-7 CAPLUS

CN Acetamide, N-[[[(5S)-3-[3,5-difluoro-4-(6-oxo-3-piperidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-2,2-difluoro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

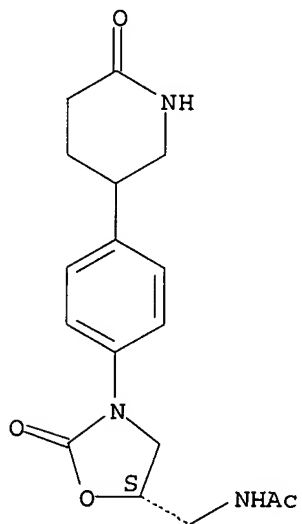
10/632,742



RN 658073-42-8 CAPLUS

CN Acetamide, N-[[[(5S)-2-oxo-3-[4-(6-oxo-3-piperidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

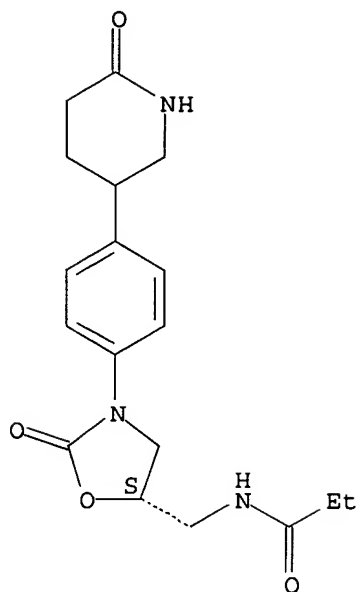


RN 658073-43-9 CAPLUS

CN Propanamide, N-[[[(5S)-2-oxo-3-[4-(6-oxo-3-piperidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

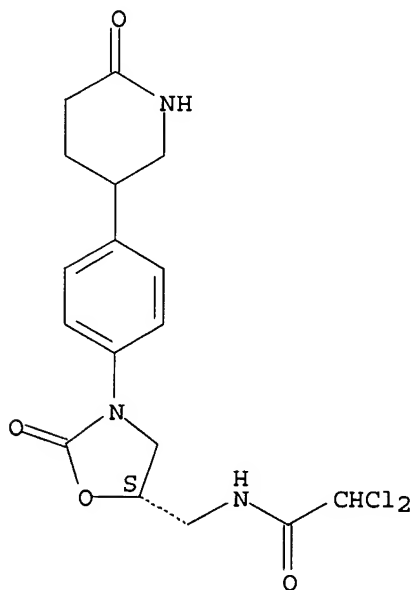
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CN Acetamide, 2,2-dichloro-N-[[[(5S)-2-oxo-3-[4-(6-oxo-3-piperidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



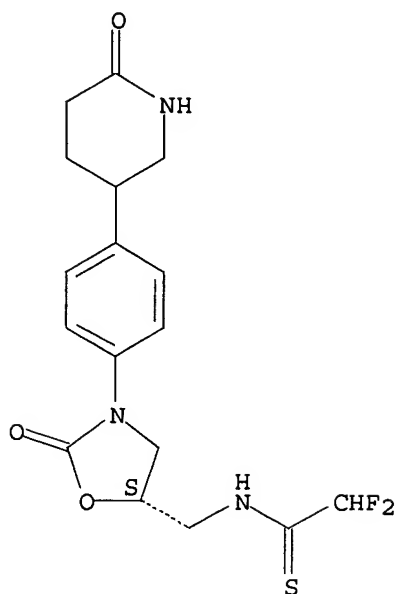
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CN Ethanethioamide, 2,2-difluoro-N-[[[(5S)-2-oxo-3-[4-(6-oxo-3-piperidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



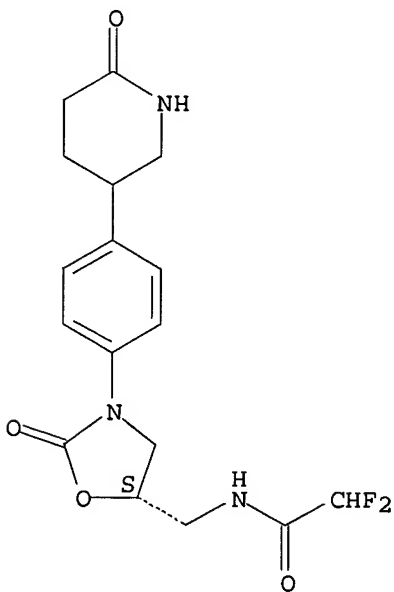
10/632,742



RN 658073-46-2 CAPLUS

CN Acetamide, 2,2-difluoro-N-[[[(5S)-2-oxo-3-[4-(6-oxo-3-piperidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

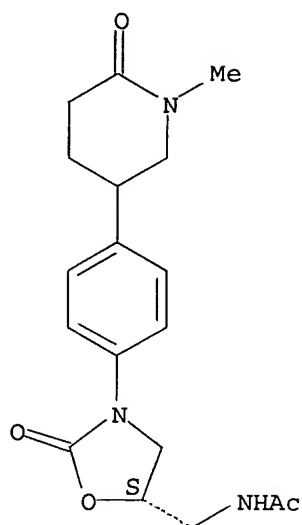


RN 658073-47-3 CAPLUS

CN Acetamide, N-[[[(5S)-3-[4-(1-methyl-6-oxo-3-piperidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

10/632,742



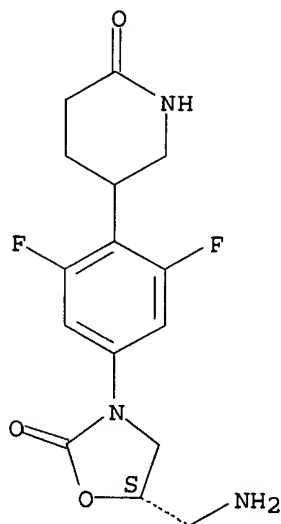
IT 658073-70-2

RL: RCT (Reactant); RACT (Reactant or reagent)  
(preparation of N-aryloxazolidinones as antibacterial agents)

RN 658073-70-2 CAPLUS

CN 2-Piperidinone, 5-[4-[(5S)-5-(aminomethyl)-2-oxo-3-oxazolidinyl]-2,6-difluorophenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 380381-21-5P 658073-59-7P 658073-60-0P  
658073-61-1P

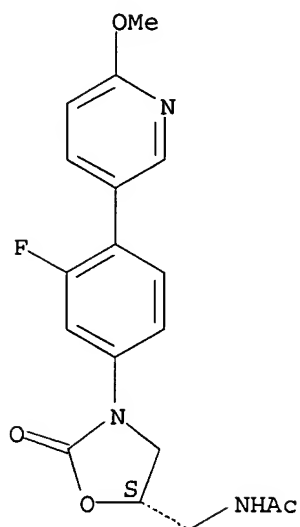
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation of N-aryloxazolidinones as antibacterial agents)

RN 380381-21-5 CAPLUS

CN Acetamide, N-[[[(5S)-3-[3-fluoro-4-(6-methoxy-3-pyridinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

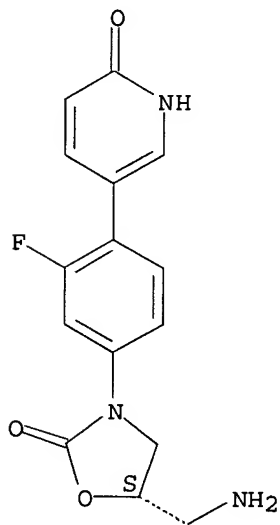
10/632,742



RN 658073-59-7 CAPLUS

CN 2(1H)-Pyridinone, 5-[4-[(5S)-5-(aminomethyl)-2-oxo-3-oxazolidinyl]-2-fluorophenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

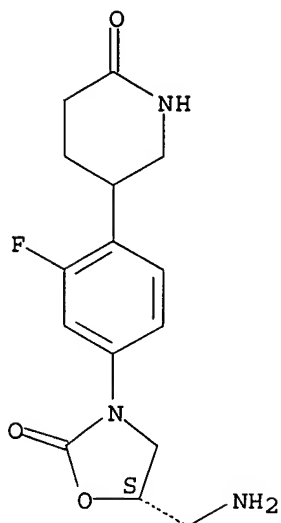


RN 658073-60-0 CAPLUS

CN 2-Piperidinone, 5-[4-[(5S)-5-(aminomethyl)-2-oxo-3-oxazolidinyl]-2-fluorophenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

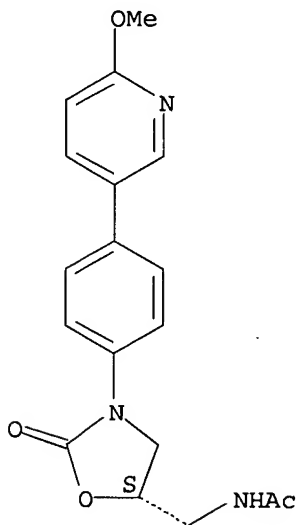
10/632,742



RN 658073-61-1 CAPLUS

CN Acetamide, N-[[[(5S)-3-[4-(6-methoxy-3-pyridinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:904162 CAPLUS

DOCUMENT NUMBER: 136:37590

TITLE: Preparation of (S)-3-(pyrimidinyl- or pyridinylphenyl)-5-(acetylaminomethyl)-2-oxazolidinones as antibacterial agents

INVENTOR(S): Lee, Jae-gul; Leem, Won-bin; Cho, Jong-hwan; Choi, Sung-hak; Lee, Jong-jin; Park, Sang-kuk; Lee, Tae-hoo; Kim, Dong-goo; Sung, Hyun-jung

PATENT ASSIGNEE(S): Dong A Pharm. Co., Ltd., S. Korea

SOURCE: PCT Int. Appl., 199 pp.

CODEN: PIXXD2

10/632,742

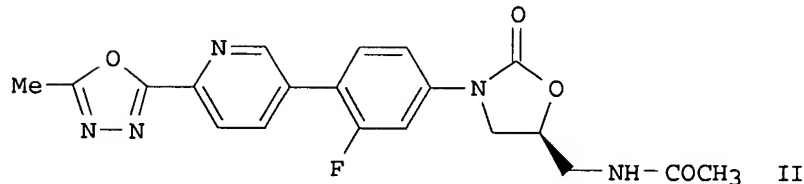
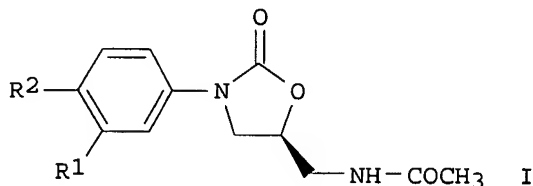
DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
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W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
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CA 2411859	AA	20011213	CA 2001-2411859	20010518
AU 2001058897	A5	20011217	AU 2001-58897	20010518
EP 1289984	A1	20030312	EP 2001-932368	20010518
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001011280	A	20030610	BR 2001-11280	20010518
NZ 522990	A	20030829	NZ 2001-522990	20010518
JP 2003535860	T2	20031202	JP 2002-501891	20010518
US 2003166620	A1	20030904	US 2002-296896	20021127
US 6689779	B2	20040210		

PRIORITY APPLN. INFO.:

KR 2000-30895	A	20000605
KR 2000-30896	A	20000605
KR 2000-56035	A	20000923
KR 2001-11691	A	20010307
WO 2001-KR821	W	20010518

OTHER SOURCE(S): CASREACT 136:37590; MARPAT 136:37590  
 GI



AB Title compds. I [wherein R<sub>1</sub> = H, F, Cl, or CF<sub>3</sub>; j R<sub>2</sub> = (un)substituted pyrimidinyl or pyridinyl; and pharmaceutically acceptable salts thereof] were prepared I have wide antibacterial spectrum, superior antibacterial activity, and low toxicity, such that they are useful as antibiotics. For example, 1-methyl-2-pyrrolo[1,2-a]pyrimidin-5-yl was dissolved in (S)-N-[[3-(4-

10/632,742

trimethylstannyl-3-fluorophenyl)-2-oxo-5-oxazolidinyl)methyl] acetamide (preparation given), and the solution was added to

2-(5-methyl-1,3,4-oxadiazolyl)-

5-bromopyridine, LiCl, and Pd(PPh<sub>3</sub>)<sub>2</sub>Cl<sub>2</sub> to give II. The latter exhibited antibacterial activity against methicillin resistant Staphylococcus aureas, vancomycin resistant Enterococci, H. Influenzae, Ethambutol resistant Mycobacterium tuberculosis, and Vancomycin Mycobacterium tuberculosis with minimal inhibitory concns. (MIC, µ/mL) of 0.39, 0.2, 3.13, 0.1, and 0.1, resp.

IT 380381-21-5P 380381-38-4P 380381-39-5P  
380381-40-8P

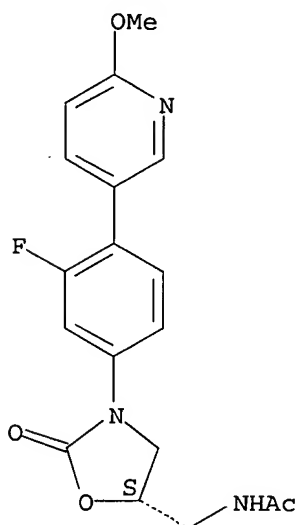
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of (pyrimidinyl- or pyridinylphenyl)(acetylaminomethyl)oxazolidinones as antibacterial agents)

RN 380381-21-5 CAPLUS

CN Acetamide, N-[[[(5S)-3-[3-fluoro-4-(6-methoxy-3-pyridinyl)phenyl]-2-oxo-5-oxazolidinyl)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

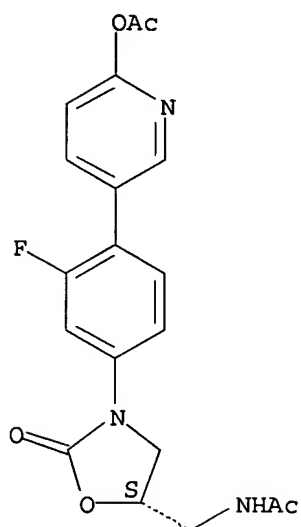


RN 380381-38-4 CAPLUS

CN Acetamide, N-[[[(5S)-3-[4-[6-(acetyloxy)-3-pyridinyl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl)methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

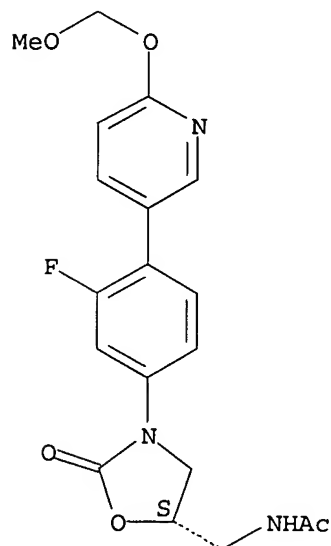
10/632,742



RN 380381-39-5 CAPLUS

CN Acetamide, N-[[[(5S)-3-[3-fluoro-4-[6-(methoxymethoxy)-3-pyridinyl]phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

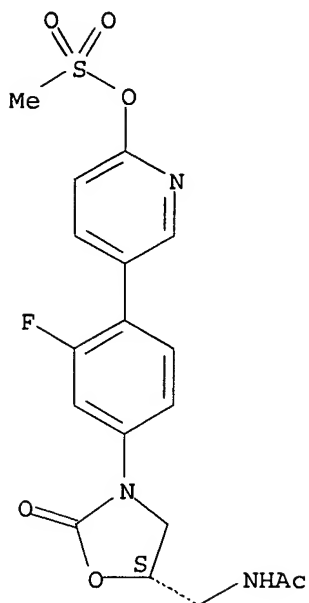


RN 380381-40-8 CAPLUS

CN Acetamide, N-[[[(5S)-3-[3-fluoro-4-[6-[(methanesulfonyl)oxy]-3-pyridinyl]phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

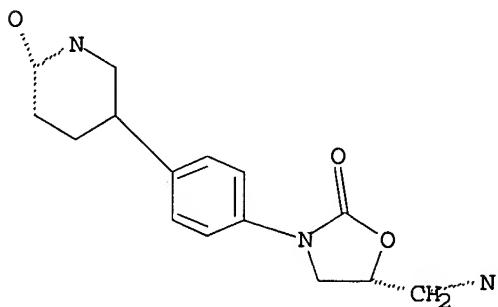
10/632,742



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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FILE 'USPATFULL' ENTERED AT 16:48:56 ON 08 AUG 2005  
CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)  
  
FILE 'USPAT2' ENTERED AT 16:48:56 ON 08 AUG 2005  
CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

=> d que  
L1 STR



Structure attributes must be viewed using STN Express query preparation.  
L2 23 SEA FILE=REGISTRY SSS FUL L1  
L4 3 SEA L2

=> d l4 1-3 ibib abs hitstr

L4 ANSWER 1 OF 3 USPATFULL on STN  
ACCESSION NUMBER: 2004:95418 USPATFULL  
TITLE: N-Aryl-2-oxazolidinones and their derivatives  
INVENTOR(S): Gadwood, Robert C., Portage, MI, UNITED STATES



10/632,742

Ochoada, Jason M., Kalamazoo, MI, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004072873	A1	20040415
APPLICATION INFO.:	US 2003-632742	A1	20030801 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-402783P	20020812 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	PHARMACIA & UPJOHN, 301 HENRIETTA ST, 0228-32-LAW, KALAMAZOO, MI, 49007	
NUMBER OF CLAIMS:	21	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1305	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides antibacterial agents of formula I described herein.

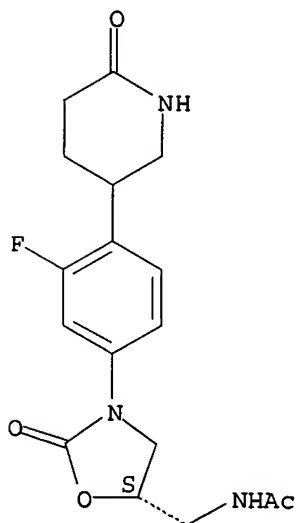
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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658073-39-3P 658073-40-6P 658073-41-7P  
658073-42-8P 658073-43-9P 658073-44-0P  
658073-45-1P 658073-46-2P 658073-47-3P  
(preparation of N-aryloxazolidinones as antibacterial agents)

RN 658073-33-7 USPTAFULL

CN Acetamide, N-[[[(5S)-3-[3-fluoro-4-(6-oxo-3-piperidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

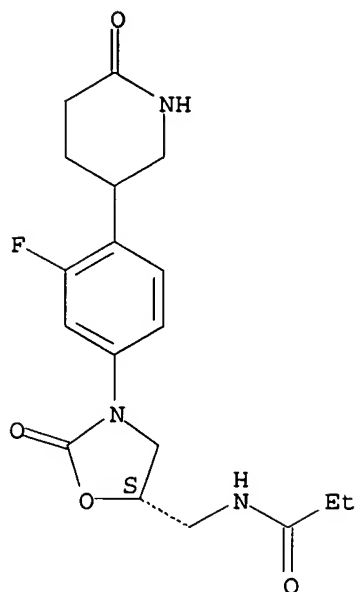


RN 658073-34-8 USPTAFULL

CN Propanamide, N-[[[(5S)-3-[3-fluoro-4-(6-oxo-3-piperidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

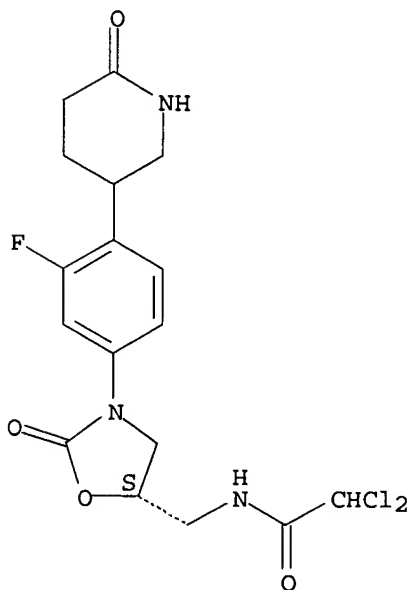
10/632,742



RN 658073-35-9 USPATFULL

CN Acetamide, 2,2-dichloro-N-[[[(5S)-3-[3-fluoro-4-(6-oxo-3-piperidiny]phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

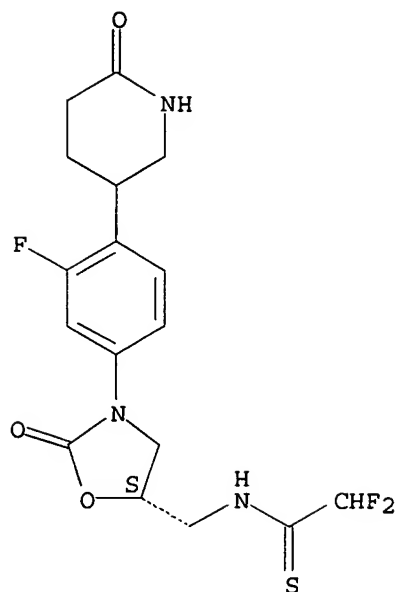


RN 658073-36-0 USPATFULL

CN Ethanethioamide, 2,2-difluoro-N-[[[(5S)-3-[3-fluoro-4-(6-oxo-3-piperidiny]phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

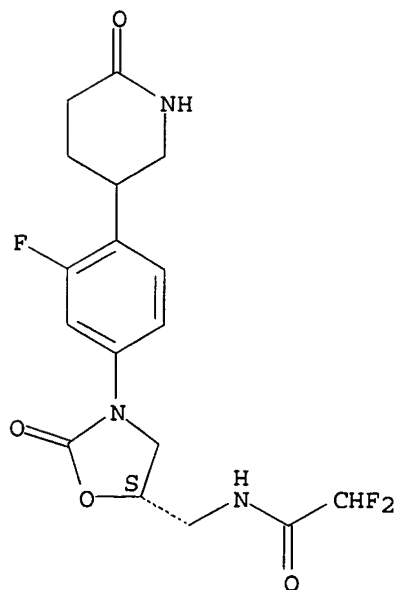
10/632,742



RN 658073-37-1 USPATFULL

CN Acetamide, 2,2-difluoro-N-[[[(5S)-3-[3-fluoro-4-(6-oxo-3-piperidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

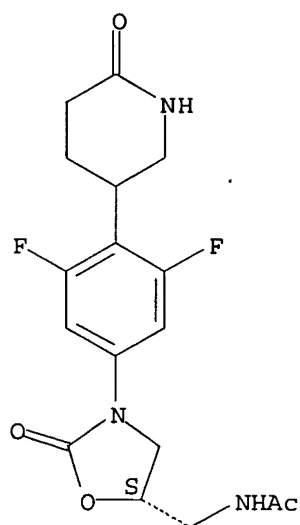


RN 658073-38-2 USPATFULL

CN Acetamide, N-[[[(5S)-3-[3,5-difluoro-4-(6-oxo-3-piperidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

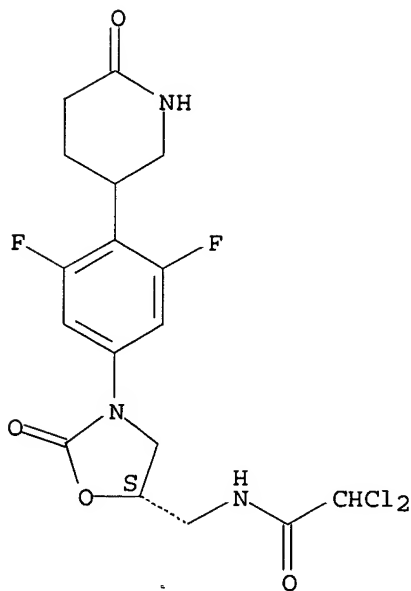
10/632,742



RN 658073-39-3 USPATFULL

CN Acetamide, 2,2-dichloro-N-[[[(5S)-3-[3,5-difluoro-4-(6-oxo-3-piperidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

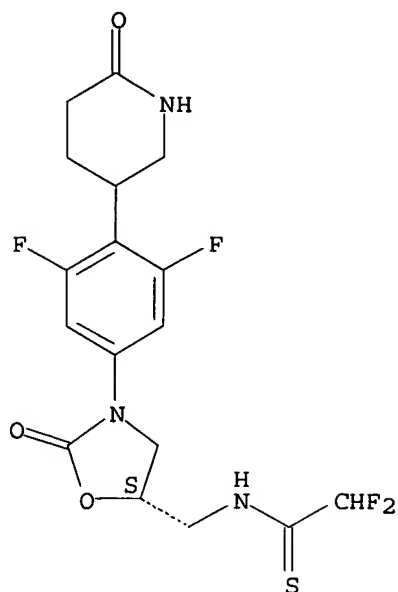


RN 658073-40-6 USPATFULL

CN Ethanethioamide, N-[[[(5S)-3-[3,5-difluoro-4-(6-oxo-3-piperidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-2,2-difluoro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

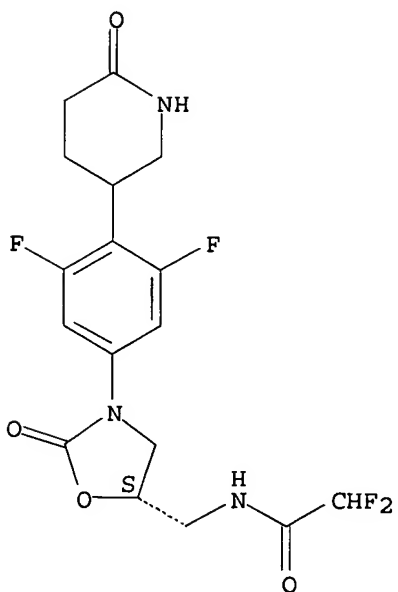
10/632,742



RN 658073-41-7 USPATFULL

CN Acetamide, N-[[[(5S)-3-[3,5-difluoro-4-(6-oxo-3-piperidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-2,2-difluoro- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

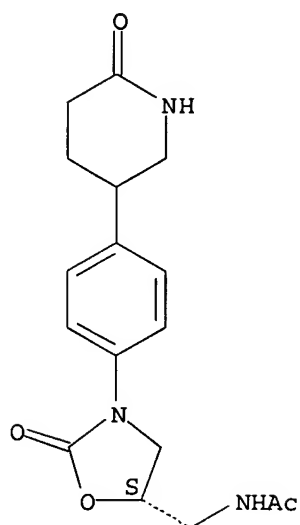


RN 658073-42-8 USPATFULL

CN Acetamide, N-[[[(5S)-2-oxo-3-[4-(6-oxo-3-piperidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

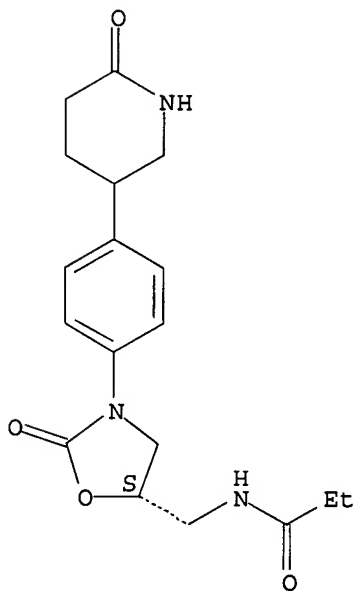
10/632,742



RN 658073-43-9 USPATFULL

CN Propanamide, N-[[[(5S)-2-oxo-3-[4-(6-oxo-3-piperidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

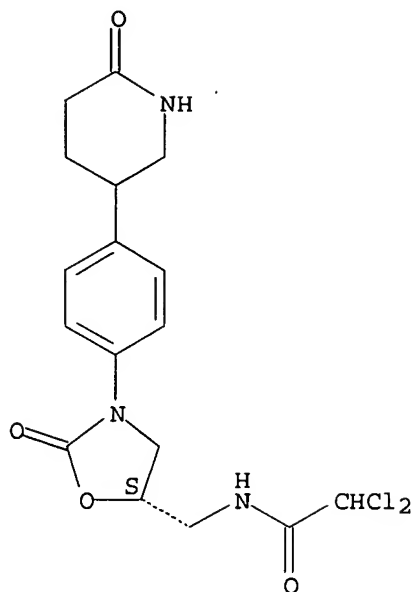


RN 658073-44-0 USPATFULL

CN Acetamide, 2,2-dichloro-N-[[[(5S)-2-oxo-3-[4-(6-oxo-3-piperidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

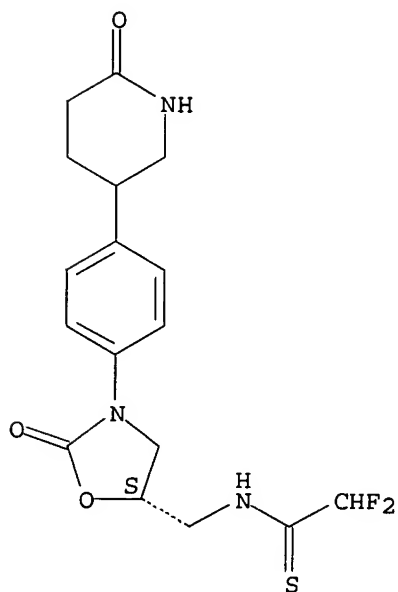
10/632,742



RN 658073-45-1 USPATFULL

CN Ethanethioamide, 2,2-difluoro-N-[[[(5S)-2-oxo-3-[4-(6-oxo-3-piperidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

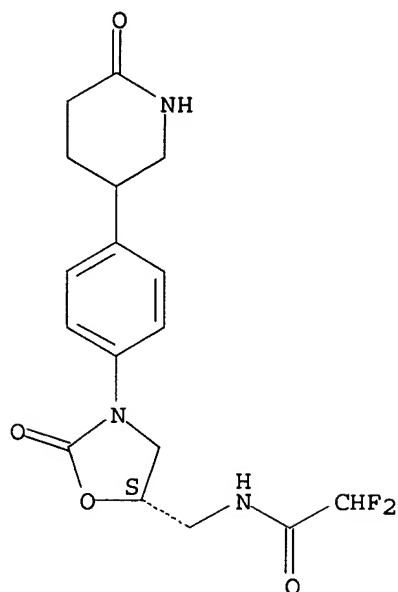


RN 658073-46-2 USPATFULL

CN Acetamide, 2,2-difluoro-N-[[[(5S)-2-oxo-3-[4-(6-oxo-3-piperidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

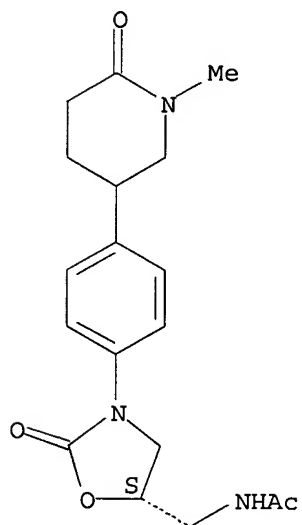
10/632,742



RN 658073-47-3 USPATFULL

CN Acetamide, N-[[[(5S)-3-[4-(1-methyl-6-oxo-3-piperidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 658073-70-2

(preparation of N-aryloxazolidinones as antibacterial agents)

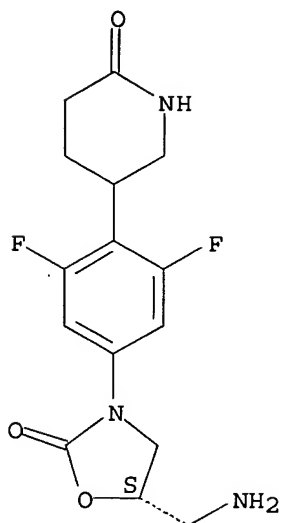
RN 658073-70-2 USPATFULL

CN 2-Piperidinone, 5-[4-[(5S)-5-(aminomethyl)-2-oxo-3-oxazolidinyl]-2,6-difluorophenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



10/632,742



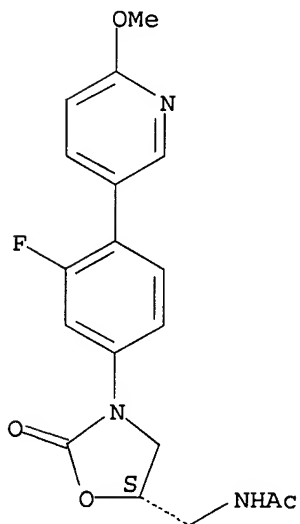
IT 380381-21-5P 658073-59-7P 658073-60-0P  
658073-61-1P

(preparation of N-aryloxazolidinones as antibacterial agents)

RN 380381-21-5 USPATFULL

CN Acetamide, N-[[[(5S)-3-[3-fluoro-4-(6-methoxy-3-pyridinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

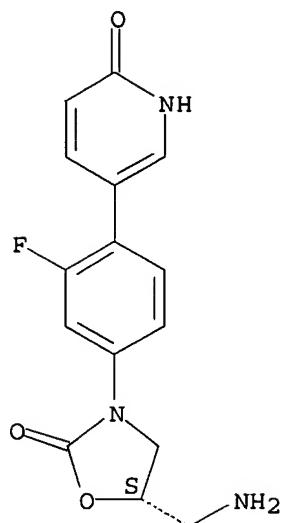


RN 658073-59-7 USPATFULL

CN 2(1H)-Pyridinone, 5-[4-[(5S)-5-(aminomethyl)-2-oxo-3-oxazolidinyl]-2-fluorophenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

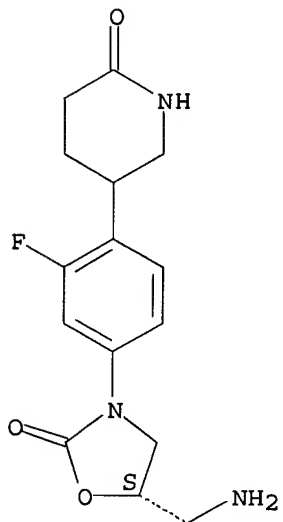
10/632,742



RN 658073-60-0 USPATFULL

CN 2-Piperidinone, 5-[4-[(5S)-5-(aminomethyl)-2-oxo-3-oxazolidinyl]-2-fluorophenyl]- (9CI) (CA INDEX NAME)

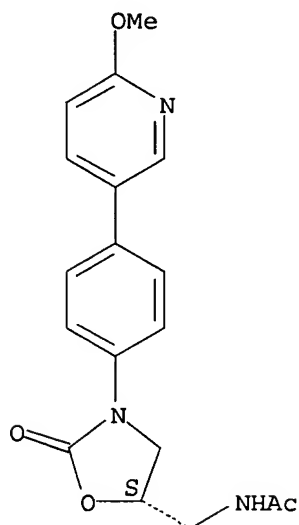
Absolute stereochemistry.



RN 658073-61-1 USPATFULL

CN Acetamide, N-[[[(5S)-3-[4-(6-methoxy-3-pyridinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 2 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2003:238462 USPATFULL

TITLE: Novel oxazolidinone derivatives and a process for the preparation thereof

INVENTOR(S): Lee, Jae-Gul, Kyunggi-do, KOREA, REPUBLIC OF  
 Leem, Won-Bin, Kyunggi-do, KOREA, REPUBLIC OF  
 Cho, Jong-Hwan, Kyunggi-do, KOREA, REPUBLIC OF  
 Choi, Sung-Hak, Kyunggi-do, KOREA, REPUBLIC OF  
 Lee, Jong-Jin, Kyunggi-do, KOREA, REPUBLIC OF  
 Park, Sang-Kuk, Kyunggi-do, KOREA, REPUBLIC OF  
 Lee, Tae-Hoo, Kyunggi-do, KOREA, REPUBLIC OF  
 Kim, Dong-Goo, Kyunggi-do, KOREA, REPUBLIC OF  
 Sung, Hyun-Jung, Kyunggi-do, KOREA, REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003166620	A1	20030904
	US 6689779	B2	20040210
APPLICATION INFO.:	US 2002-296896	A1	20021127 (10)
	WO 2001-KR821		20010518

	NUMBER	DATE
PRIORITY INFORMATION:	KR 2000-30895	20000605
	KR 2000-30896	20000605
	KR 2000-56035	20000923
	KR 2001-11691	20010307

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: MUSERLIAN, LUCAS AND MERCANTI, LLP, 600 THIRD AVENUE, NEW YORK, NY, 10016

NUMBER OF CLAIMS: 7

EXEMPLARY CLAIM: 1

LINE COUNT: 3524

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel oxazolidinone derivatives, their pharmaceutically acceptable salts and a process for the preparation thereof. More particularly, the present invention relates to oxazolidinone derivatives having pyridine or pyrimidine moiety substituted by heterocycle and heteroaromaticcycle at 4-position of

10/632,742

phenyl ring. The compounds of the present invention have wide antibacterial spectrum, superior antibacterial activity and low toxicity, such that the compound of this invention can be used as an antibacterial agent.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT **380381-21-5P 380381-38-4P 380381-39-5P**

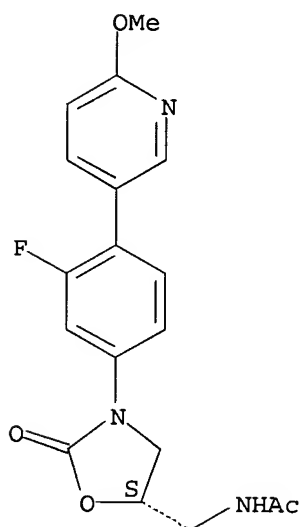
**380381-40-8P**

(preparation of (pyrimidinyl- or pyridinylphenyl)(acetaminomethyl)oxazolidinones as antibacterial agents)

RN 380381-21-5 USPTAFULL

CN Acetamide, N-[[[(5S)-3-[3-fluoro-4-(6-methoxy-3-pyridinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

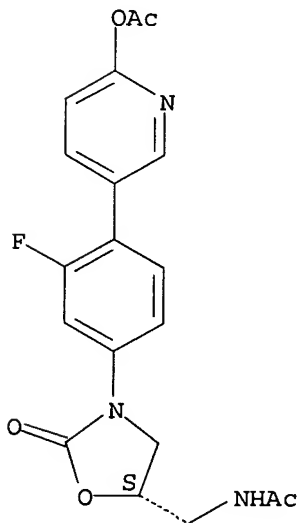
Absolute stereochemistry.



RN 380381-38-4 USPTAFULL

CN Acetamide, N-[[[(5S)-3-[4-[6-(acetyloxy)-3-pyridinyl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

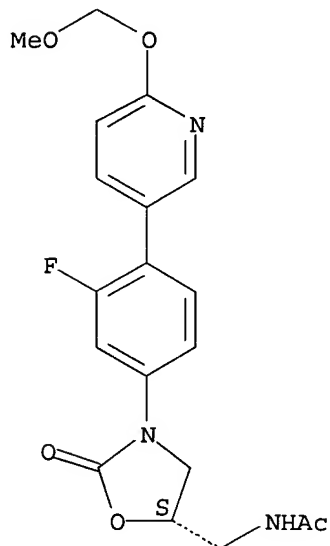


10/632,742

RN 380381-39-5 USPATFULL

CN Acetamide, N-[[[(5S)-3-[3-fluoro-4-[6-(methoxymethoxy)-3-pyridinyl]phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

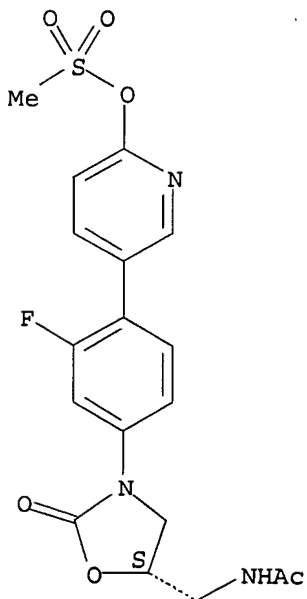
Absolute stereochemistry.



RN 380381-40-8 USPATFULL

CN Acetamide, N-[[[(5S)-3-[3-fluoro-4-[6-[(methylsulfonyl)oxy]-3-pyridinyl]phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 3 OF 3 USPAT2 on STN

ACCESSION NUMBER: 2003:238462 USPAT2

TITLE: Oxazolidinone derivatives and a process for the preparation thereof

INVENTOR(S): Lee, Jae-Gul, Suwon-si, KOREA, REPUBLIC OF

Leem, Won-Bin, Yongin-si, KOREA, REPUBLIC OF  
 Cho, Jong-Hwan, Yongin-si, KOREA, REPUBLIC OF  
 Choi, Sung-Hak, Sunghnam-si, KOREA, REPUBLIC OF  
 Lee, Jong-Jin, Yongin-si, KOREA, REPUBLIC OF  
 Park, Sang-Kuk, Suwon-si, KOREA, REPUBLIC OF  
 Lee, Tae-Hoo, Yongin-si, KOREA, REPUBLIC OF  
 Kim, Dong-Goo, Suwon-si, KOREA, REPUBLIC OF  
 Sung, Hyun-Jung, Suwon-si, KOREA, REPUBLIC OF  
 PATENT ASSIGNEE(S): Dong A Pharm. Co., Ltd., KOREA, REPUBLIC OF (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6689779	B2	20040210
	WO 2001094342		20011213
APPLICATION INFO.:	US 2002-296896		20021127 (10)
	WO 2001-KR821		20010518

	NUMBER	DATE
PRIORITY INFORMATION:	KR 2000-30895	20000605
	KR 2000-30896	20000605
	KR 2000-56035	20000923
	KR 2001-11691	20010307
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Ramsuer, Robert W.	
LEGAL REPRESENTATIVE:	Muserlian, Lucas and Mercanti, LLP	
NUMBER OF CLAIMS:	7	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	3511	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel oxazolidinone derivatives, their pharmaceutically acceptable salts and a process for the preparation thereof. More particularly, the present invention relates to oxazolidinone derivatives having pyridine or pyrimidine moiety substituted by heterocycle and heteroaromaticcycle at 4-position of phenyl ring. The compounds of the present invention have wide antibacterial spectrum, superior antibacterial activity and low toxicity, such that the compound of this invention can be used as an antibacterial agent.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 380381-21-5P 380381-38-4P 380381-39-5P

380381-40-8P

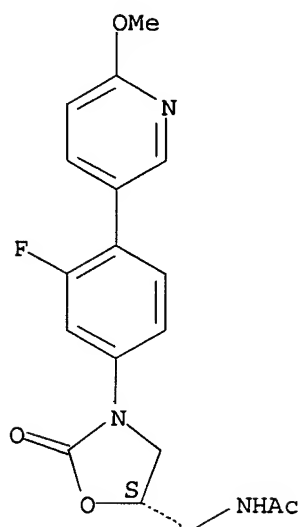
(preparation of (pyrimidinyl- or pyridinylphenyl)(acetylaminomethyl)oxazolidinones as antibacterial agents)

RN 380381-21-5 USPAT2

CN Acetamide, N-[[[(5S)-3-[3-fluoro-4-(6-methoxy-3-pyridinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

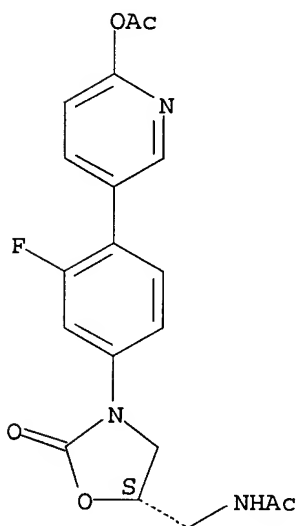
10/632,742



RN 380381-38-4 USPAT2

CN Acetamide, N-[[[(5S)-3-[4-[6-(acetyloxy)-3-pyridinyl]-3-fluorophenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

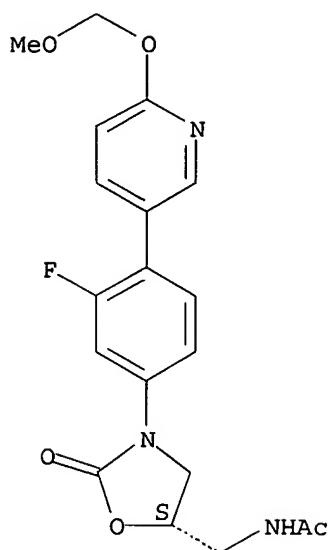


RN 380381-39-5 USPAT2

CN Acetamide, N-[[[(5S)-3-[3-fluoro-4-[6-(methoxymethoxy)-3-pyridinyl]phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

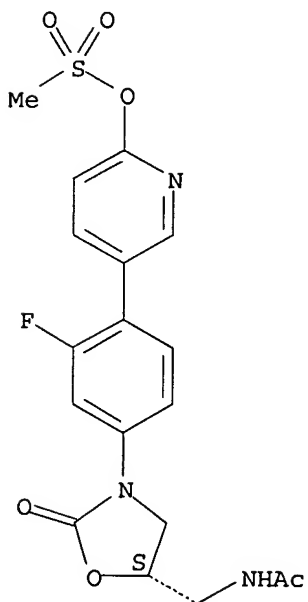
10/632,742



RN 380381-40-8 USPAT2

CN Acetamide, N-[[[(5S)-3-[3-fluoro-4-[6-[(methanesulfonyl)oxy]-3-pyridinyl]phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



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